

Revisions	
#	Date
1	02/17/10 PERMIT/BD SET
1	04/09/10 ADDENDUM 2



Client:
CITY OF
TAKOMA PARK

Location:
TAKOMA PARK, MD
LOCATION

Project:
CITY OF TAKOMA PARK
PUBLIC WORKS FACILITY

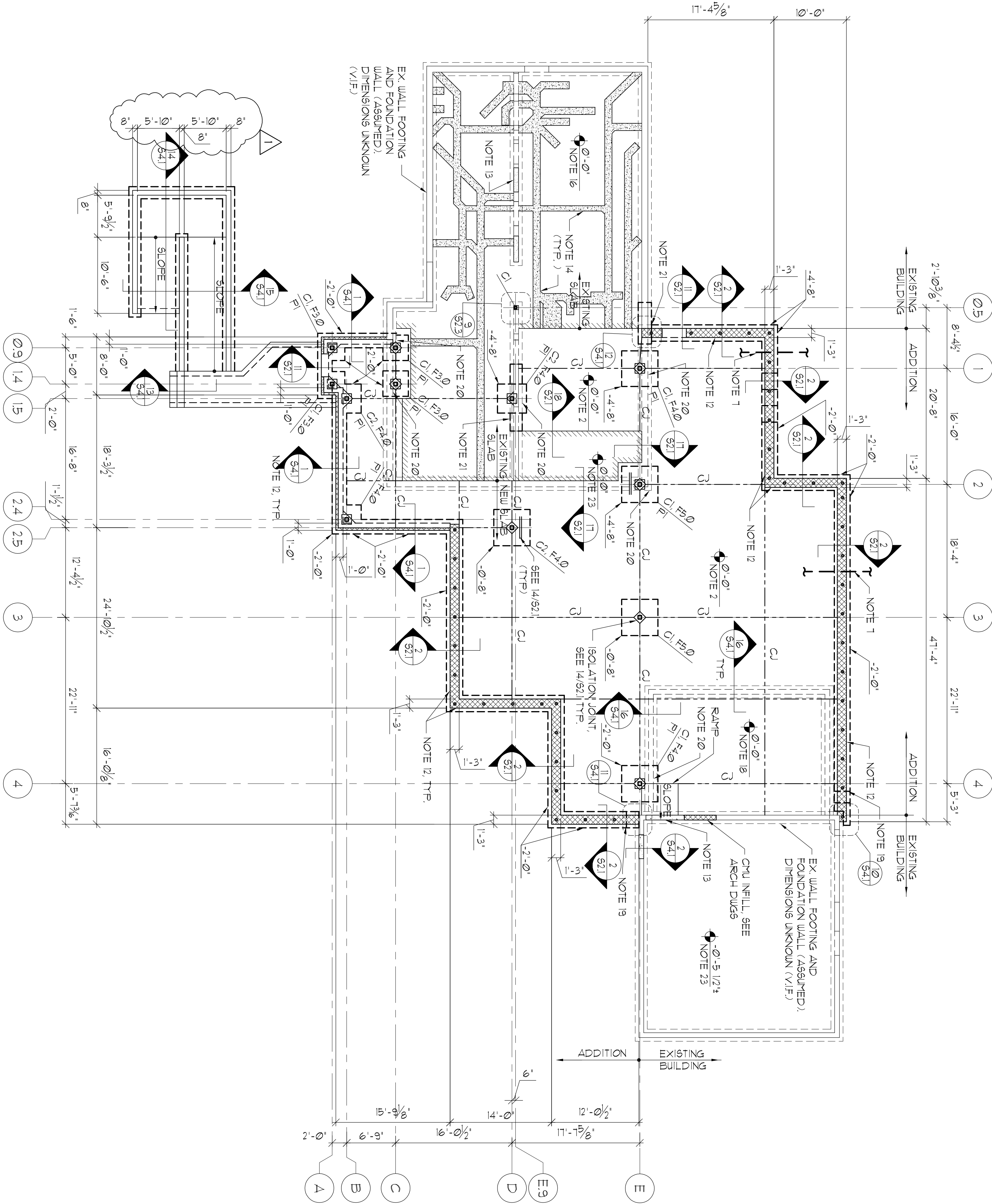
FOUNDATION PLAN

Drawn by
SGL

Project No.
09028.00

Date
02-17-10

Professional Certification
I, the undersigned, being a duly licensed Professional Engineer in the State of Maryland, do hereby certify that I am the author of the design and drawings herein, and that I am a duly licensed Professional Engineer in the State of Maryland.



1 ADMINISTRATIVE BUILDING FOUNDATION PLAN
SCALE: 1/8" = 1'-0"

FOOTING SCHEDULE			ALLOWABLE SOIL BEARING - 10000 PSF
MARK	SIZE (SQ UNO)	DEPTH (IN)	BOTTOM REIN. (EQU UNO)
F3Ø	3'-0"x3'-0"	12"	3-#5
F4Ø	4'-0"x4'-0"	12"	4-#5
F5Ø	5'-0"x5'-0"	12"	5-#5

COLUMN SCHEDULE			
COLUMN MARK	SIZE	BASE PLATE (BANX1)	REMARKS
C1	H666x57x3/8"	12'x12'x1"	4-3/4" x A.B.5
C2	H666x67x3/8"	12'x12'x1"	4-3/4" x A.B.5
C3	H666x75x0.432	12'x12'x1"	4-3/4" x A.B.5

PIER SCHEDULE			
MARK	SIZE	VERT. REIN.	TIES
P1	16x16	4-#8	SEE DETAIL 1/62.3
P2	16x16	4-#8	SEE DETAIL 3/64.1
P3	16x16	4-#8	SEE DETAIL 4/64.1
P4	14x30	10-#8	SEE DETAIL 5/64.1

- FOUNDATION PLAN NOTES:
- SEE SHEETS S1.1 AND S1.2 FOR STRUCTURAL NOTES AND SHEETS S2.1, S2.2, AND S2.3 FOR TYPICAL DETAILS. THE TYPICAL DETAILS ON SHEETS S2.1, S2.2, AND S2.3 APPLY WHEREVER THE CONDITION EXISTS UNLESS DETAILED OTHERWISE.
 - PROVIDE A NEW 5" CONCRETE SLAB ON GRADE WITH WAF PER THE STRUCTURAL NOTES ON S-1.1. SEE THE PLAN FOR THE TOP OF SLAB ELEVATION. THE TOP OF SLAB ELEVATION INDICATED ON THE PLAN THUS, ~~X-X-X~~, CORRESPONDS TO AN ACTUAL ELEVATION OF 24.50'.
 - C.I. INDICATES A CONTROL JOINT IN THE GRADE SLAB. SEE DETAILS 12/S2.1 AND 13/S2.1.
 - SEE THE PLAN FOR TOP OF WALL FOOTING AND COLUMN FOOTING ELEVATIONS. TOP OF INTERIOR COLUMN FOOTINGS SHALL BE 8' BELOW FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
 - BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISHED EXTERIOR GRADE ELEVATIONS UNLESS NOTED OTHERWISE. COORDINATE ELEVATIONS WITH THE APPROVED SITE PLAN. THE TOP OF FOOTING ELEVATIONS ARE INDICATED ON PLAN THUS, ~~X-X-X~~, REFERENCED FROM ELEVATION 0'-0".
 - THE TOP OF PIER ELEVATION SHALL BE A MINIMUM OF 8' BELOW THE TOP OF FLOOR SLAB OR THE TOP OF EXTERIOR GRADE ELEVATION UNLESS NOTED OTHERWISE.
 - SEE THE TYPICAL WALL FOOTING AT UTILITIES DETAILS 5, 6, 7, AND 8 ON SHEET S2.1. STEP ALL WALL FOOTINGS AS INDICATED OR REQUIRED BELOW UNDERGROUND UTILITIES PER DETAILS 3 AND 7/S2.1. THE CONTRACTOR SHALL VERIFY THE INVERT ELEVATIONS OF ALL UTILITIES WITH THE TOP OF FOOTING ELEVATIONS. COORDINATE ALL UTILITIES LOCATIONS WITH SITE, PLUMBING, ELECTRICAL, AND MECHANICAL DRAWINGS. THE CONTRACTOR SHALL INDICATE A UTILITY CROSSING A WALL ON THE PLAN. UTILITIES ARE SHOWN ON THIS DRAWING AS AN EFFORT TO AID IN THE COORDINATION OF TRADES. IT IS NOT INTENDED TO BE A COMPLETE REPRESENTATION OF ALL UTILITIES. C.C. TO COORDINATE FOOTING STEPS WITH UTILITY CONTRACTOR AND CONCRETE CONTRACTOR PRIOR TO FOOTING POUR.
 - ALL COLUMNS, PIERS, AND COLUMN FOOTINGS SHALL BE CENTERED ON GRID LINES UNLESS NOTED OTHERWISE. ON PLAN DETAILS.
 - THE SYMBOLS C1, P1, AND F4.0 ON THE FOOTING REFER TO DESIGNATIONS IN THE COLUMN, PIER AND FOOTING SCHEDULES LOCATED ON THIS SHEET.
 - REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
11. IT IS THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE BETWEEN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. IT IS NOT INTENDED THAT THE STRUCTURAL DRAWINGS BE USED INDEPENDENTLY OF THE ARCHITECTURAL DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.- 8" CMU WALL REINFORCED WITH 1-#4 @ 48" O.C. FULL HEIGHT OF WALL GROUT REINFORCED CELLS SOLID FULL HEIGHT.
- DEMOLISH EXISTING LOAD-BEARING MASONRY WALL, SHORE WALL AND ROOF STRUCTURE AS REQUIRED UNTIL INSTALLATION OF NEW SUPPORT FRAMING IS COMPLETE. PATCH SLAB AS REQUIRED. SEE 16/S2.1
- TRENCH FOR UNDERGROUND UTILITIES AS REQUIRED PER MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. DEMOLISH EXISTING CONCRETE SLAB ON GRADE PER DETAIL 19/S2.1
- SAW-CUT AND REMOVE EXIST. SLAB ON GRADE AS REQUIRED FOR NEW WORK. PATCH SLAB ON GRADE AS REQUIRED TO MATCH EXISTING SEE 16/S2.1
- DEMOLISH EXISTING SLAB ON GRADE AS REQUIRED FOR NEW WORK. PATCH EXISTING SLAB ON GRADE AS REQUIRED. SEE 16/S2.1
- DEMOLISH EXISTING COLUMN AND ROOF STRUCTURE AND INSTALL NEW COLUMN AND PIER ON EXISTING FOOTING. SEE 9/S4.1
- DEMOLISH EXISTING COLUMN AND ROOF STRUCTURE AND INSTALL NEW COLUMN AND PIER ON EXISTING FOOTING. SEE 9/S4.1
- PROVIDE A NEW 5/8" ± CONCRETE SLAB WITH WAF OVER THE EXISTING SLAB ON GRADE. SEE THE PLAN FOR THE TOP OF SLAB ELEVATION.
- STEP FOOTING AS REQUIRED TO MATCH BEARING ELEVATION OF EXISTING ADJACENT FOOTING. SEE 4/S2.1
- DEMOLISH EXISTING FOUNDATION WALL AND WALL FOOTING AS REQUIRED FOR NEW FOOTING INSTALLATION. SEE DETAILS 6/S2.3 AND 7/S2.3, AS APPLICABLE.
- UNDERPIN EXISTING FOOTING PER UNDERPINNING NOTES ON S1.1.
- PROVIDE JAMB REINFORCING FULL HEIGHT AT ALL MASONRY OPENINGS PER 4/S2.2.
- EXISTING SLAB ON GRADE.
- DEMOLISH EXISTING FOUNDATION WALL AND WALL FOOTING AS REQUIRED FOR NEW FOOTING INSTALLATION. SEE DETAIL 8/S2.3.